

Amendments to the Claims

Please amend the following claims:

1. (Currently amended) A ~~video decoder system for receiving a plurality of programs from corresponding program sources said system~~ comprising:
 - an electronic program guide (EPG) ~~means~~ including a processor and stored program schedule, ~~said the EPG means~~ operable by a user (1) to select a first program and a second program from said plurality of programs received from corresponding program sources and (2) to select a first program processing function for said selected the first program and (3) to select a second program processing function for the second program;
 - a tuner operable by ~~said the processor to tune said video decoder~~ to receive (1) packetized information for said the first user selected program, including first current time reference information from a first corresponding program source, and (2) for the second program, second current time reference information from a second corresponding program source said current time reference information comprising System Time Table (SST) data of an MPEG compliant data stream, and wherein said stored program schedule is derived from an Event Information Table (EIT) of an MPEG compliant data stream;
 - ~~a first time of day clock for timing said tuning in accordance with said stored program schedule;~~
 - the processor programmed to provide a first scheduling clock based on the first current time reference information;
 - the processor programmed to initiate the first program processing function based upon the first scheduling clock;
 - ~~said the processor programmed to provide a second time of day scheduling clock based on said received the second current time reference information; and~~

~~said the~~ processor programmed to initiate ~~initiating said user selected the second~~
program processing function based upon ~~said the~~ second ~~time-of-day~~ scheduling clock.

2. (Currently amended) The system of claim 1, wherein ~~said the~~ current time reference information provides a current time-of-day indication.

3. (Currently amended) The system of claim 1, ~~including:~~ wherein:
the system further comprises a display for displaying a current time-of-day to a user;
the processor is operable to provide ~~said second time clock providing~~ an output for updating ~~said displayed the display of the current time~~ time-of-day based upon ~~said the first~~ current time reference information; and

the system further comprises a filter for filtering ~~said the~~ output ~~such that any discontinuity to inhibit a discontinuous change~~ in the current time reference information from causing a discontinuous change in the display of the current time-of-day is prevented, and for providing ~~said the~~ filtered output to ~~said the~~ display.

4. (Currently amended) The system of claim 1, wherein ~~said user selected the~~ first programming processing function is at least one selected from the group consisting of display, record, and playback.

5. (Currently amended) The system of claim 4, wherein ~~said the~~ group further comprises: program transmission, program standards conversion, program encryption, program decryption, program scrambling, and program decoding.

6. (Currently amended) The system of claim 1, wherein ~~said~~ the processor is programmed to terminate ~~terminates said selected~~ the second program processing function based upon ~~said~~ the second ~~time-of-day~~ scheduling clock.

7. (Currently amended) The system of claim ~~4~~, 12, wherein the tuner is operable to receive ~~said System Time Table (STT)~~ STT data that includes a time reference indicator and associated correction data sufficient to establish a time of transmission of ~~said~~ a program by ~~said~~ a corresponding broadcast source accurate to within about plus or minus 4 seconds.

8. (New) The system of claim 1, wherein:
the tuner is operable to receive first current time reference information that is based on a first time-of-day clock, and
the tuner is operable to receive second current time reference information that is based on a second time-of-day clock, with the second time-of-day clock being unsynchronized with the first time-of-day clock.

9. (New) The system of claim 8, wherein the tuner is operable to receive:
first current time reference information that is based on a first time-of-day clock generated at the first corresponding program source, and
second current time reference information that is based on a second time-of-day clock generated at the second corresponding program source.

10. (New) The system of claim 1, wherein the tuner is operable to receive first current time reference information that comprises time-of-day information.

11. (New) The system of claim 1, wherein the processor is programmed to provide a first scheduling clock that is a time-of-day clock.

12. (New) The system of claim 1, wherein the tuner is operable to receive first and second current time reference information that comprises System Time Table (STT) data of an MPEG compliant data stream, and the stored program schedule is derived from an Event Information Table (EIT) of an MPEG compliant data stream.

13. (New) The system of claim 1, wherein the tuner is operable to receive the first current time reference information from a first corresponding program source that is a broadcast source.

14. (New) The system of claim 1, wherein:
the system comprises a central scheduling clock,
the processor is programmed to provide the first scheduling clock by updating the central scheduling clock with time information generated based on the first current time reference information, and
the processor is programmed to provide the second scheduling clock by updating the central scheduling clock with time information generated based on the second current time reference information.

15. (New) The system of claim 1, wherein the processor is programmed to maintain, for at least a period of time, both the first scheduling clock and the second scheduling clock.